# Disinfectible PC-Keyboard for Purity and Hygiene

## AK-C8100 Serie  Medical Key*

## Highlights:

- PC-Keyboard with 105 Key Standard Layout
- 360° Safeguard against Dirt and Splash Water
- Silicone Key Membrane for Utmost Hygiene
- Flat Keys for Thorough Surface Disinfection
- Low Force Tactile Key Feel for Heavy Duty Type Writing in Hygiene Critical Applications

## Options:

- Protection Class IP68 by Full Sealing
- Exchangeable Membrane for Sterilization

## Features & Benefits:

**The AK-C8100 is a high quality, reliable PC keyboard. The purification and disinfection capacity makes it a perfect fit in hospitals and at practitioners, as well as office, administration and industrial environments. The silicon membrane protects the key field against ingress of dirt and fluids. The AK-C8100 impresses with low force key actuation and precise key guidance. With its 105 key standard keyboard layout, the AK-C8100 is highly recommendable for heavy duty type writing in hygiene critical operations.**

**The AK-C8100 provides the following benefits for cleaning and disinfection:**

- **Thorough surface disinfection of the key field by spray/wipe sanitizing of the seamless, low profile silicone key membrane without corners and edges.**
- **Surface disinfection instead of invasive submersion cleaning:**
  - ✓ **No inner or outer re-contamination by polluted suds**
  - ✓ **No risk of germ proliferation and transmission by fluids leaking or dripping off the keyboard**
  - ✓ **No contact with contaminated openings (no touch contact)**
- **CleanFunction allows to disable the key field while cleaning (“Fn”+”Clean on/off”)**
- **Suitable for a multitude of hospital disinfectants and cleaning agents**
- **Protection Class IP68 by full sealing of the key membrane with the keyboard housing (Option 1)**
- **Or: Exchange of silicone key membrane for sterilization (Option 2)**

| Specification | |
|---|---|
| Compatibility | All operating systems supporting standard USB resp. PS/2 keyboards |
| Temperature Range | Storage –20º to +70º C, Operation 0º to +50º C |
| Key Membrane | Exchangeable silicone membrane (Standard) or fully sealed IP68 (Option) |
| Chemical Resistance | Suitable for most common hospital disinfectants and cleaning agents |
| Interface | USB 2.0 (1.2 MBit/s) |
| Supply Voltage | 5 V +/- 5% through PS/2 port, resp. 5 V +5%/-10% through USB port |
| Current Consumption | Max. 100 mA (USB: low power device) |
| Connector | USB Type A resp. PS/2 |
| Dimensions | Approx. 449 x 142 x 26 mm |
| LED Status Indicators | Caps Lock, Num Lock, Scroll Lock, CleanFunction |
| Key Switch Technology | Scissors Balancing key guidance with contained contact system |
| Key Travel | Approx. 2,5 +/- 0,5 mm |
| Key Actuation Force | Approx. 60 grams (similar to Notebook style keyboards) |
| **Agency Approvals** | **CE, FCC, RoHS** |

*No Medical Device according to 93/42/EWG

**Part# / Keyboard:** **AK-C8100F-zzz-y/xx**
**Part# / Replaceable Key Membrane:** **AK-C8100-y/xx**

| Identifier zzz = Version/Option | Identifier y = Color | Identifier xx = Country Version |
|---|---|---|
| U1 = Standard (USB)<br>UVS = Fixed Sealed Membrane (IP68)<br>PS/2 interface. on demand | W = White (Standard)<br>B = Black | US = US English<br>GE = German<br>Other versions on demand |

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# Medical Key

## Exchangeable Membrane

## for Routine Disinfection & Sterilization

**Work**

**Sterilize**

**Exchange**

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**Keyboards for Industry Commerce and Service**

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